EFMLLANXXVAXXIXXXFPXXALLRRHXXP (SEQ ID NO:22)

Consensus 2:

HZALNVXXZTHFTSPIRRZXDVIVHRLLAAALGY (SEQ ID NO:23)

B1

Moreover, the present invention relates to nucleic acid molecules, the sequence of which deviates from the sequence of one of the above-described nucleic acid molecules because of the degeneracy of the genetic code.

Please replace the description of Figure 2 on page 16 with the following amended description:

B2

Figure 2 shows the first pursued sequencing strategy for sequencing the murine and human LOBO gene (SEQ ID NOS:24-34). As at first only the 3'-end of the gene was sequenced, the exons starting at the 3'-end were numbered 1, 2, 3 etc. Three murine wildtype cosmid clones (middle) were sequenced, two plasmid clones were sequenced from the transgenic LOBO mouse (top) and a human P1-clone (bottom) was sequenced. The arrows denote the exons known for the time being. Seven exons were located on the genomic sequence, the eighth exon at first only existed on an EST clone. The plasmid clones from the transgenic LOBO mouse (top) contain the introduced artificial gene and the adjacent murine sequences. These murine sequences are identical to the corresponding sequences of the wildtype mouse except for 10 base pairs, which have been replaced in the transgenic mouse by the artificial gene.